

REMARKS

Claims 1, 2, 4, 7-19 and 23-25 are pending in this application. Claims 1, 14 and 17 are amended. Claim 22 is cancelled. New claim 23-25 are added. Reconsideration and allowance of the pending claims are requested in view of the claims amendment and following remarks.

Applicants wish to thank Examiner Lee for his time and consideration during the telephonic interview of August 31, 2007. During the interview, the patentability of the claims was discussed with respect to the Examiner's cited reference, i.e., Wright et al. (USP 5,990,734). Although no agreement was reached between the Examiner and Applicants' representative, the Examiner indicated that if the independent claims were amended to clarify a compensator (16) as illustrated in FIG. 3 of the present specification, such an amendment to the independent claims would overcome the Examiner's cited reference.

Applicants have amended independent claims 1, 14 and 17. For example, claims 1 and 17 are amended to clarify that the compensator includes:

the plurality of filter units including a first set of filter units configured to filter the in-phase components and quadrature phase components, output of the first set of filter units producing at least one of a gain compensated in-phase signal and a phase compensated in-phase signal, and a second set of filter units configured to filter the in-phase components quadrature phase components, output of second set of filter units producing at least one of a gain compensated quadrature-phase signal and a phase compensated quadrature-phase signal.

Claim 14 is also amended to similarly recite the limitations of claims 1 and 17. Accordingly, Applicants submit that the claims are now in a condition for allowance.

CONCLUSION

In view of the above remarks and amendments, the Applicants respectfully submit that each of the rejections has been addressed and overcome, placing the present application in condition for allowance. A notice to that effect is respectfully requested. If the Examiner believes that personal communication will expedite prosecution of this application, the Examiner is invited to contact the undersigned.


Pursuant to 37 C.F.R. §§ 1.17 and 1.136(a), Applicants hereby petition for a one (1) month extension of time for filing a reply to the outstanding Office Action and submit the required \$120.00 extension fee herewith.

Should there be any outstanding matters that need to be resolved in the present application, the Examiner is respectfully requested to contact Gary D. Yacura at the telephone number of the undersigned below.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 08-0750 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

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